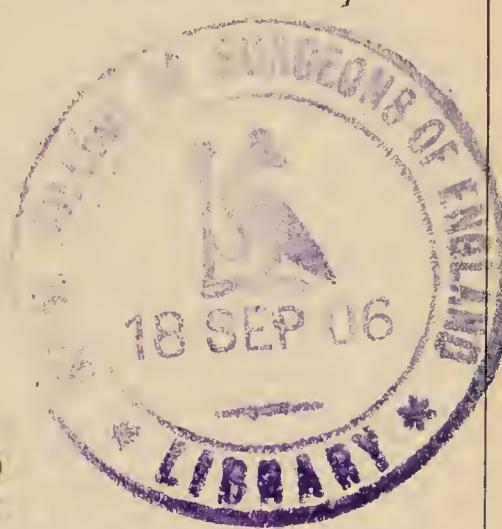


THE  
SEVENTY-NINTH  
Annual Report  
OF  
JAMES MURRAY'S  
Royal Asylum,  
Perth.



PERTH:

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1906.



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# James Murray's Royal Asylum, Perth.

## Chairman.

The Right Hon. The Earl of Mansfield.

## Directors *Ex-Officio.*

His Grace The Duke of Atholl, Lord-Lieutenant of the County.

Christopher N. Johnston, Esq., Sheriff of the County.

John David Sym, Esq., Sheriff-Substitute of the County.

James Cuthbert, Esq., Lord Provost of the City of Perth.

James Barlas, Esq., Lord Dean of Guild, Perth.

Neil Paton, Esq., First Bailie, Perth.

Andrew Moyes, Esq., Convener of Trades, Perth.

Patrick Martin, Esq., President of the Society of Solicitors, Perth.

Rev. Frank H. Martin, Minister of St Paul's Church Parish, Perth.

## Life Directors.

John Thomas, Esq., Solicitor, Perth.	Alexander Macduff, Esq. of Bonhard, Perth.
Sir Robert Pullar, Perth.	The Right Hon. The Earl of Mansfield, Scone Palace.

## Annual Directors.

Atholl MacGregor, Esq., Ard Choille, Perth.	Albert Butter, Esq., Union Bank, Perth.
George Gray, Esq., Bowerswell, Perth.	Thos. R. Moncrieff, Esq., Springland, Perth.
The Hon. Morton G. Stuart Gray of Gray and Kinfauns.	Lieut.-Col. E. R. Stewart Richardson of Ballathie, Stanley.
Alfred W. Cox, Esq. of Glendoick, Glencarse.	George A. Miller, Esq., W.S., Perth.
Col. D. M. Smythe of Methven.	Robert Kinloch, Esq., W.S., Perth.
Rufus D. Pullar, Esq., Brahan, Perth.	James D. Lumsden, Esq., Huntingtowerfield.

## Committee of Management.

The Earl of Mansfield.	Alex. Macduff, Esq.
James Cuthbert, Esq.	Atholl MacGregor, Esq.
John Thomas, Esq.	Albert Butter, Esq.
Sir Robert Pullar.	Robert Kinloch, Esq.

## Joint Secretaries and Treasurers.

Messrs. Mackenzie & Dickson, Solicitors, Perth.

## Auditors.

Messrs. J. & R. Morison, Perth.

## Asylum Staff.

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### Physician Superintendent.

A. R. Urquhart, M.D., F.R.C.P.E.

### Assistant Medical Officer.

B. J. Alcock, M.B., Ch.B.

### Chaplain.

Rev. John W. Henderson, B.D.

### Matrons.

Miss Finch, at the Asylum.

Miss Bryson, at Kincarrathie.

### Chief Attendant and Storekeeper.

Mr. W. Henry.

At JAMES MURRAY'S ROYAL ASYLUM  
the 11th day of June, 1906.

At the Annual General Meeting of Directors of  
the Asylum, held in terms of the Royal  
Charter,—John Thomas, Esq., presiding:

*Inter alia—*

**T**HE Chairman made suitable reference to the death of The Earl of Mansfield, and on his motion it was resolved to record in the Minutes as follows:—

The Directors desire to record their deep sense of loss caused by the death of the Right Honourable The Earl of Mansfield on 29th April last. Lord Mansfield was the third of his family to accept office on the Directorate of James Murray's Royal Asylum, having in 1895 succeeded his father, the Viscount Stormont, as a Director and Chairman of the Asylum. He was afterwards elected a Life-Director. The Directors recall that Lord Mansfield, when freed from military duties, at once assumed the burden of local affairs, and came to their aid when the death of Lord Stormont was so keenly felt by them. They direct the insertion of this minute in the record of their proceedings as commemorative of the assiduous and courteous attention which Lord Mansfield devoted to the welfare of the Institution and of those entrusted to its care, and also in appreciation of his constant friendship in all the conflicting claims made upon his time. Having had good cause to know his worth in the affairs of Perth and Perthshire, they lament his early death, which has bereft them of his vigorous understanding and wise counsel. Further, the Directors instruct the Secretaries to make extract of this minute, and to convey it to the present Earl of Mansfield, with the most sincere assurance of respectful sympathy with his Lordship and the whole family.

The Abstracts of Accounts prepared by the Auditors were laid on the table and, having been circulated, were held as read.

The Report of the Committee of Management was read.

Dr. Urquhart submitted his Report. He also read the Chaplain's Report.

The Chairman moved—That the Reports now submitted be approved of and recorded in the Minute-Book of the Corporation ; and that the same, or a suitable abstract thereof, be printed and circulated under the supervision of Dr. Urquhart and the Secretaries ; and this being seconded by Lord Dean of Guild Barlas, was unanimously agreed to.

Mr. Macduff of Bonhard, seconded by Rev. P. R. Landreth, moved—That The Earl of Mansfield be elected a Life-Director in place of the late Earl ; which was approved.

It was moved by Bailie Paton, seconded by Mr. Thomas R. Moncrieff, and agreed to—That the following be elected as Annual Directors in place of those retiring, viz. :—Lieut.-Colonel E. R. Stewart Richardson of Ballathie ; George A. Miller, Esq., W.S., Perth ; Robert Kinloch, Esq., W.S., Perth ; and James D. Lumsden, Esq., Huntingtowerfield ; and that The Earl of Mansfield, Mr. Albert Butter, and Mr. Kinloch be appointed members of Committee of Management in room of the late Lord Mansfield, Mr. Steel, and Mr. Coates.

It was intimated that Rev. P. R. Landreth, ex-officio Director, retires at this time, and is succeeded, in terms of the Charter, by Rev. Frank H. Martin, minister of St. Paul's Parish.

Mr. Cox of Snaigow moved—That The Earl of Mansfield be elected Chairman of the Institution for the ensuing year. This was seconded by the Hon. Morton G. Stuart Gray, and unanimously agreed to.

The List of Directors now stands as printed on page three.

It was moved by Mr. Rufus Pullar, seconded by Mr. Macduff, and approved, that Messrs. Mackenzie & Dickson be re-appointed Secretaries and Treasurers of the Institution, and that the Chaplain, Auditors, and Matron be re-elected.

REPORT by MANAGING COMMITTEE to ANNUAL  
GENERAL MEETING OF DIRECTORS OF  
JAMES MURRAY'S ROYAL ASYLUM, 11th  
June, 1906.

THE Committee have now the pleasure of submitting the Seventy-Ninth Report on the affairs of the Asylum.

The Annual Statement of Accounts prepared by the Auditors, Messrs. J. & R. Morison, and now laid on the table, shows the position of the Institution at 31st March, 1906. The total Revenue for the year was - £14,317 11 3 and the total Expenditure, - 13,919 10 0

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showing a surplus of - £398 1 3

The sum received for Patients' Board was £12,559 10s 8d, being £444 7s 11d less than last year. The average income from Board from 1864 to 1905, inclusive, is £7,049 8s 5d.

The patients on the registers at 1st April, 1906, together pay £12,754, being an average board rate of £93 15s 7d.

The ordinary minimum board rate is £84 per annum, but during the past year 32 patients from the City and County of Perth were maintained at rates varying from £30 to £52, in exercise of the charitable powers conferred on the Directors by the Charter.

The Farm Accounts, which, as usual, will be found with the other Financial Statements, show a surplus of £322 3s 8d. The quantity of milk supplied during the year was 10,169 gallons.

The Accounts for the Garden show a deficit of £27 13s 5d.

A vacancy occurs in the list of Life-Directors through the lamented death of The Earl of Mansfield, and it is suggested that the present Earl be elected in his brother's place.

The Annual Directors who retire at this time are :—

W. H. COX, Esq. of Snaigow.

Major W. L. MERCER of Huntingtower.

ADAM STEEL, Esq. of Blackpark.

JAMES COATES, Esq., Pitcullen House.

The following names are suggested to fill the vacancies :—

Colonel RICHARDSON of Ballathie.

GEORGE A. MILLER, Esq., W.S., Perth.

ROBERT KINLOCH, Esq., W.S., Perth.

JAMES D. LUMSDEN, Esq., Huntingtowerfield ;

The Earl of Mansfield, Mr. Albert Butter, and Mr. Kinloch being appointed Members of the Managing Committee in room of the late Lord Mansfield, Mr. Steel, and Mr. Coates.

Rev. P. R. Landreth, ex-officio Director, retires at this time, and, in terms of the Charter, is succeeded by the Rev. Frank H. Martin, Minister of St. Paul's Parish.

REPORT of the PHYSICIAN SUPERINTENDENT  
for the Year ending 31st March, 1906,  
presented at the ANNUAL MEETING OF  
DIRECTORS, 11th June, 1906.

I HAVE the honour to present the Seventy-ninth Annual Report, together with Tables of General and Medical Statistics.

On the 1st April, 1905, there were 139 persons on the Registers of the Asylum.

Forty persons were admitted during the year, of whom 17 were men and 23 women. In the table of changes in the population, relative to cases, there appear 25 female admissions, but two of these represent two cases transferred from the Register of Voluntary Patients to the Register of Certified Patients. There is an increasing tendency to seek admission as Voluntary Patients, and to avoid certification. Thus we receive at times those whose mental condition does not permit of their retention unless they are subsequently certified for care here or elsewhere.

Thirty-one persons were discharged, 12 men and 19 women.

The number of deaths was twelve—5 men and 7 women.

The total number of persons under treatment was 179, and the average daily number on the Registers 133.7.

On the 31st March, 1906, there remained 71 men and 65 women—total, 136—being a decrease of 3 during the year.

At the close of the year 9 patients were resident at Kincarrathie, 2 at Mount Tabor Cottage, and 9 at the New Villas. Four were absent on pass. There were 6 voluntary patients, 3 male and 3 female.

## Admissions.

The average rate of admissions from 1865 till 1905 inclusive is 32.3 per annum. This year 42 names have been entered on the Registers of the Asylum, 4 fewer than in 1905. The preponderance of gentlemen has been less marked of late years.

Twenty-seven patients were received for the first time; 9 returned relapsed, after having been discharged recovered; 4 returned on recrudescence of mental disorder; and 2 were merely transfers from class to class. The intervals of sanity in these relapsed cases were generally of considerable duration:—2 had enjoyed excellent health for 20 years, 1 for 16 years, 1 for 13 years, 2 for 10 years, and 2 for 7 years. The others were of shorter duration, some going home for a change, others alternating between home and the Asylum as many as six times. Three patients were transferred from other Asylums, and 4 more had previously been in other Asylums. Of the 40 persons admitted 31 were found subject to physical diseases more or less severe; and 3 died within a short time after reception. The average age on admission was 44.5 years (compared with 40.97 in 1905), and 10 were over 60 years of age (compared with 4 in 1905). This is a large proportion of senile cases, in accordance with the general experience of similar institutions. While the average age on admission was 44.5 years, the

average age on the first attack of the mental disorder was only 33.8, many having occurred in adolescence.

The causes of insanity as discovered on admission were ascertained more or less precisely in nearly every case. Twenty-five were hereditarily predisposed to mental derangement, while 11 belonged to families of neuropathic tendencies. Thirteen had been subjected to mental stress of a severe nature, but 11 of these presented such a family history as showed that they were inherently unable to withstand the anxieties under which they had succumbed.

The number of curable cases admitted may be stated at 19, making allowance for possible improvement and temporary recoveries in certain doubtful cases, and of these 12 have left recovered or are already convalescent. Twelve were indubitably in hopeless condition in this respect, owing to advanced degenerative diseases of vital organs or congenital defects. No fewer than 22 had previous attacks of insanity, and 10 were of such a nature that periodicity of disorder had been established. Ten were re-admitted for the first time, 2 for the third time, 1 for the fourth time, and 1 for the sixth time.

Of those who were admitted during the first attack of insanity 2 men and 4 women were received within three months of the inception of the malady; of those who were admitted relapsed, 7 men and 6 women were received within three months of the recurrence of the malady. These mainly constitute the curable cases.

The number of re-admissions (15) was unprecedented in the history of the Asylum, and the number of those suffering from recurrence of mental disorder (22) was also disproportionate. In these observations the word "Recovery" is used to indicate those in whom there is re-establishment of mental soundness permitting of the return of the patient to his place in the world without requiring the care and supervision of others. The "lucid interval" may prove to be of life-long duration, it may last for years, or only for months. Doubts have been expressed regarding the propriety of liberty in many of these cases. It has been represented as a wrong to the lieges. This is a new phase of opinion. For many years we have been accustomed to accusations of undue detention in Asylums, elaborate safeguards have been devised to protect the insane from that evil, and now the tide of opinion seems to be setting in the contrary direction. As the law stands, there is no longer authority for the detention of a person after he ceases to be insane; and, in the great majority of cases, it would be an intolerable hardship to be detained indefinitely because of a possibility of untoward remote consequences. No doubt there are those, including many who have never been under custodial care, who should be limited in liberty of action under revised legal enactments; but the advocates of extreme measures will have to be content with less Spartan remedies than they formulate. The practice of discharge on recovery, or even on improvement, may entail occasional hardships; but on the whole it is appropriate to existing conditions.

The usual list of physical diseases was noted as causative of, or complicating the mental malady, especially diseases of the heart, kidneys, and digestive system. Four men were admitted suffering from the effects of chronic alcoholism, a smaller number than usual, perhaps, indicative of the general sobering of the nation which has been apparent in the statistical returns recently published. All four had become insane. When the antecedent facts were ascertained, it was found as usual that other causal factors had been operative. Three were hereditarily predisposed to insanity, and the fourth was of special interest. He had begun to drink to excess some two years before admission, and was received in a very bad condition mentally, morally, and bodily. After death it was found that he had been afflicted with a tumour pressing on the fore part of his brain, in such a position as to afford no signs of its occurrence during his life. The growth of the tumour was apparently hastened by the alcoholism, what had been of slow increase was rapidly accelerated. Injuries to that part of the brain have long been recognised as injurious to the character of the individual, and the case in question followed the usual course. In this and in the other cases referred to, the alcoholism was merely a symptom of still graver deviation from the normal standard.

Twelve patients required constant supervision on account of suicidal tendencies, and fortunately no accident occurred in this category.

Those admitted came from the following localities:—Six from Perth, 9 from the County

Former  
Residences of  
Admissions.

Physical  
Diseases.

of Perth, 4 from Edinburgh, 5 from Glasgow, 4 from Forfarshire, 6 from Fife, 5 from other parts of Scotland, and 1 from Ireland. No applications from the County of Perth were refused, and, as in former years, due consideration was shown to indigent patients of the class and from the locality prescribed by the Charter of Incorporation, but three such applications from other parts of the United Kingdom could not be entertained.

## Recoveries.

The general Recovery Rate of the Asylum during the years 1865-1905 inclusive is 34.99. This year it is 42.85 (compared with 22.72 last year) on the number of admissions : 41.17 for men and 45.20 for women. Altogether 18 patients left the Institution restored to health, besides one who, having been convalescent on discharge, has since recovered. Of these the average duration of residence was 6 months for male and 8 months for female patients. The shortest period was 2 months and the longest period (quite exceptionally) 3 years. As is usual, a general and satisfactory increase in body weight was noted among the recoveries.

The  
Unrecovered.

Of those persons (15) discharged unrecovered, 4 were transferred to other Asylums in the hope of change proving beneficial, and 5 were transferred, having been unable to pay the minimum Rate of Board charged here, and having no local claims. One was sent to Murthly owing to the inability of her family to contribute anything towards her support, and in the hope that a complete change of scene and surroundings might

restore her. Two were returned to family life with good results; one was removed against advice with untoward results; and two were certified from the voluntary patients' Register.

The percentage of Deaths on the average Deaths. number resident was 8·97, the average rate of the Institution being 6·03. The actual number of deaths was 12, as compared with 9 last year. One died of general paralysis; one of cerebral haemorrhage; one of cerebral tumour; two of chronic disease of the kidneys; two of phthisis pulmonalis; one of influenza; one of exophthalmic goitre; one of gangrene of the leg; one of senile decay; and one by suicide. Four of these fatal cases were admitted labouring under the maladies which inevitably terminated in death. All but one were incurable as regards mental condition. One had been a patient here for 39, and another for 38 years. The average age at death was 56·50, and the average duration of residence for men 8 years and for women 12 years. Nine *post-mortem* examinations were made, and accurate records preserved. Reports regarding the pathological findings were obtained from Dr. Ford Robertson in one case.

The deaths from phthisis occurred in a recent case, and in a chronic case resident here for 18 years. The residue of 38 tubercular cases under care since 1880 is now represented by five patients. In three of these the malady has left no apparent traces, and in two it is at present quiescent. The Sanatoria have proved useful additions to the Hospitals, not only for tubercular cases but also for those of faulty habits. The suicide occurred

in the case of a voluntary patient who recovered here, and was discharged to his home on pass for a month. Towards the end of that period he relapsed, and while walking out with his family disappeared and was found drowned.

Average  
Numbers  
Resident.

The average daily numbers on the Registers during the year were:—Certified male patients, 67.38; female, 59.40; Voluntary male, 3.07; female, 3.88: Total, 133.73. This shows a decrease of 8.22 compared with last year, and an increase of 36.37 over the average daily total since 1864, which is 97.36. The lowest number (130) occurred on 1st July, 1905, and the highest (140) on 1st April, 1905.

The condition as regards curability of the patients remaining resident on the 31st March was much the same as at the same date last year. Hope may be entertained for the relief of 18 cases. Four were of suicidal tendencies, and 14 were dangerous to others. Nine were epileptic; and 4 laboured under general paralysis. Twenty-three were over 60 years of age, besides eleven who had passed 70. The usual list of bodily diseases complicating the mental disorders were recorded, especially the great number of cardiac affections and allied degenerative changes. These are systematically investigated year by year, and as symptoms may indicate; and are specially the care of the Clinical Assistant for the time being. We hope to make these records more complete, having at last been enabled to furnish a central room for Research, and to separate this department from the Surgery.

The details of our social life are chronicled in *Excelsior*, and the past winter has been memorable for the number and excellence of the various entertainments. It has been very much easier to maintain these at a level of efficiency since the recreation rooms and dining rooms have been modernised; the labour and the damage to the house has been lessened, and the comfort of patients and staff has been increased. I would specially thank those who have done so much to aid us—Mr. Graves, Mr Richardson, and Mr. Bryson, Dr. Graham Campbell and Miss Cowan. These pleasant evenings included performances of *Merrie England*, *Falka*, *Sweet Lavender*, and a special rehearsal of *The Messiah*.

The outdoor amusements have been chiefly remarkable for a revival of golf, which is played daily in the cricket park; football matches numbered 11, and cricket matches numbered 16.

There were 453 drives by 52 patients, and 407 visits were paid to patients. This last is a considerable diminution from the maximum number recorded last year (638). Still, on Saturdays the three new visiting rooms are often fully occupied. Thirty-one patients were at Elie, the house having been kept open from 12th May till 17th November. Among the various excursions made by patients, it may be noted specially that one went as far as the United States of America for his holiday. An account of this long-distance record is now appearing in *Excelsior*.

There was no entry in the Register of Restraint and Seclusion.

The General Health of the establishment has been very good. A few cases of influenza occurred, and one died owing to his advanced age and long-standing disease of the heart. Otherwise there has been no epidemic disorder. The general body-weight of the patients has been satisfactory.

No accident of importance occurred during the year, and only one escape. There was some diminution of trifling injuries, such as are inevitable among the excited and the feeble. It has for long been the practice to record these in a special book, and to enquire into the circumstances as they occur. One old lady was responsible for seven of these entries owing to her feeble state and persistent interference with other patients.

The General Management of the Institution has been conducted on familiar lines. The monthly visits of Members of the Committee in rotation have been appreciated by patients and staff.

A recent change has been made in the management of the Kitchen Department by the appointment of Mrs. Simpson as Kitchen-Mistress, in the belief that improvement of methods and economy in working will be thus gained.

The New Villas have entered on an established routine, and are found satisfactory in detail.

The Chapel has been well attended throughout the year. It would be desirable to have professional assistance in the musical part of these services.

The more important Repairs and Alterations Alterations and Improvements.  
may be summarised as follows :—

Re-painting of M 4, with renewal of hot-water apparatus and lavatory arrangements, following on reconstruction of this Gallery, where the infirm patients are now treated.

Three Visiting Rooms have been formed in the former Billiard Room. One of these is in use as a lecture room for the instruction of the nursing staff, another is fitted as a guest room. There is now sufficient accommodation for the Library. In the corridor leading to these apartments a fireproof safe and a store-closet for the Matron have been constructed. By a re-arrangement of the Officers' Quarters, a bathroom has been gained ; and the surgery and research rooms are now separate apartments, lighted from the east. The changes thus indicated are duly appreciated by the Staff. It was only possible to carry them out after the erection of the villas set free the space in the centre of the Asylum ; and this reconstruction and re-distribution of accommodation practically concludes the work which has been in progress since 1875, as opportunity permitted. The central corridor has been structurally altered and thereby improved in lighting.

A large coal shed is being formed in the laundry court, so that it will be possible to keep a reserve of coal on the premises. This space will be required for dross, and a larger cellar for household coal should be added to the insufficient accommodation for the main building.

An additional byre was erected at the Farm, and is reported to be suitable for present requirements.

All these works were executed by the Artisan Staff, who were also employed on various renewals of heating pipes and many minor repairs, such as are constantly requiring attention in a large establishment.

Garden.

The Gardener reports on a year which proved fairly satisfactory in respect of garden crops, although the earlier part of the year was very dry and the rainfall below the average. Beetroot was an exceptionally good crop, onions were small, and celery was comparatively poor. A quarter of an acre in the north-east field gave a plentiful supply of cabbage and spinach. The winter was mild with a slight snowfall. The fruit crop having been under the average, a greater quantity of forced rhubarb was grown to supplement it.

Farm.

The Farm Stock was reported healthy, and the north-east field gave excellent crops. The potatoes grown served to supply our wants for ten months, about 200 persons having been maintained in the establishment. For the first time the farm has almost wholly supplied the cows with turnips. Both potatoes and turnips were of excellent quality and stored in good time. The hay crop has been more than sufficient for our wants. It is proposed to sow oats and grass on the north-east field, and to break up the middle field next year. Dairy Cows were at a high price in buying and at a low price in selling throughout the year.

The Staff.

The changes in the Nursing Staff have been rather fewer than usual. The list of those who have gained the certificate of proficiency in Mental

Nursing presented herewith (page 23) shows how they are now employed, so far as can be ascertained. The tendency is towards a more general education in nursing than asylums can afford, as an improved position is thereby attainable. Four attendants resigned, one to go to South Africa, two to enter on duty at Newcastle Asylum, and one on account of ill-health. Two were discharged as unsuitable.

Eight nurses resigned, 5 to enter on General Hospital training, and three left the service for private reasons—one being unsuitable.

The result of these changes is that 12 attendants and 12 nurses can show more than two years' experience here. Nurse Lawrence has completed thirty years of indefatigable work in Murray's Asylum, and continues her valued labours as Deputy-Matron.

At the examinations held in May and November, 1905, the following gained the Certificate of the Medico - Psychological Association :— Nurses Elizabeth Pirie, Susan Nimmo, Margaret Buchanan, Margaret Doig, Mary Blanche, and Lily Clement. I have to thank Dr. Turnbull and Dr. Bruce for kindly acting as assessors at these examinations.

The only change of importance in the Nursing Staff is the appointment of Miss de Cox *vice* Miss Fletcher as Night Superintendent. Miss Fletcher left to prosecute her professional education to our general regret.

I should add that the engrossed minute presented to Mr. Henry on the completion of thirty years' strenuous service has been a source of

satisfaction to the Staff generally, as well as to himself.

The Reports of the Visiting Commissioners in Lunacy are presented herewith.

I cannot but insert a brief reference to the grievous loss which we have sustained by the death of Lord Mansfield. The Minute of the Directors, printed on page 5, expresses for all of us our regret, our esteem, and our deep and lasting gratitude.

Lastly, I have to thank my fellow-workers for their loyal support, and the Directors for the long-continued encouragement with which they have honoured me.

A. R. URQUHART.

*Names of Attendants and Nurses who have gained the Certificate of the Medico-Psychological Association—*

1891	JAMES SMITH. <sup>7</sup> ROBERT KNIGHT. <sup>1</sup> WM. D. PENNYCOOK. <sup>9</sup> ISABELLA SCOTT. <sup>1</sup> ALICE MARY JAMIESON. <sup>6</sup>	1900	ANNE COUTTS. <sup>2</sup> MARGARET A. KELLAS. <sup>4</sup> ALEXANDER KETHEL. <sup>2</sup>
1894	JOHN BROWN. <sup>6</sup> HELEN CRAIG. <sup>3</sup> JEAN ANNE GLEGG. <sup>2</sup>	1901	JESSIE H. HUNTER. <sup>2</sup> ISABELLA SKEEN. <sup>4</sup> ELLEN BAXTER. <sup>4</sup>
1896	ANNE LOW. <sup>2</sup> JANE E. GOULBOURN. <sup>3</sup> BARBARA PIRIE. <sup>5</sup> NELLIE G. SMITH. <sup>6</sup> ANNIE M. URQUHART. <sup>6</sup>	1902	CLARA J. L. JOHNSTONE. <sup>1</sup> CHRISTINA FORD. <sup>6</sup> JOHN CAMERON. <sup>6</sup> DONALD MACLEISH. <sup>1</sup>
1897	ANNE DARLINGTON. <sup>3</sup> BARBARA CRUICKSHANK. <sup>2</sup> HARRIET TAYLOR. <sup>5</sup>	1903	MARGARET SUTHERLAND. <sup>4</sup> ELIZA CORLETT. <sup>1</sup> JAMES F. STALKER. <sup>6</sup> GRACE W. GUTHRIE. <sup>2</sup>
1898	JAMES CAIRNS. <sup>2</sup>	1904	CECILIA MOLUMBY. <sup>6</sup> WILLIAM TASKER. <sup>1</sup> ALEXANDER CAMERON. <sup>2</sup> JESSIE MORISON. <sup>4</sup>
1899	DAVID DUNCAN. <sup>8</sup> JOHN M'LAGAN. <sup>1</sup> ALEXR. W. THORNELY. <sup>1</sup> CAROLINE FLETCHER. <sup>4</sup> CHRISTIAN B. LUMSDEN. <sup>4</sup> MARY MORISON. <sup>2</sup> LOUISA CHAMBERS. <sup>4</sup>	1905	MARGARET J. FORSTER. <sup>1</sup> ALICE LEYS. <sup>6</sup> ISABELLA M. LUMSDAINE. <sup>2</sup> BESSIE MURDOCH. <sup>4</sup> ANNIE THOMSON. <sup>1</sup>
1900	MARY MACKINTOSH. <sup>4</sup> NELLIE ROBERTSON. <sup>8</sup> HELEN J. PATILLO. <sup>4</sup> MARGARET CHAMBERS. <sup>2</sup> JANE GUTHRIE. <sup>6</sup>		ELIZABETH PIRIE. <sup>1</sup> SUSAN NIMMO. <sup>4</sup> MARGARET BUCHANAN. <sup>4</sup> MARGARET DOIG. <sup>4</sup> MARY BLANCHE. <sup>1</sup> LILY CLEMENT. <sup>1</sup>

<sup>1</sup>Remains in this service.    <sup>2</sup>Private Nursing.    <sup>3</sup>Married.    <sup>4</sup>General Hospital Nursing.    <sup>5</sup>Chief Nurse, Aberdeen Royal Asylum.    <sup>6</sup>Otherwise engaged.    <sup>7</sup>Head Attendant, Glasgow Royal Asylum.    <sup>8</sup>Charge of Villa, Kingseat Asylum.    <sup>9</sup>Died in this service.

*Names of those who have gained the Morison Medal for meritorious attendance on the Insane—*

ADAM SMITH.	DAVID ROBERTSON.
JAMES GOWANLOCK.	DUNCAN MENZIES.
THOMAS WHYTE.	JANE LAWRENCE.

T A B L E  
Showing Changes in the Population of the Asylum during the Year  
ending 31st March, 1906.

1st April, 1905.	Resident in the Asylum, Remaining on Pass, Remaining at the Villas, Remaining at Kincarrathie, Remaining at Mount Tabor,	Certificated				Voluntary.		TOTAL	
		M.	F.	M.	F.				
		60	50	3	2	115			
	Total number on Asylum Books, ...	67	62	4	6	139			
Cases Admitted—		Certificated				Voluntary.		TOTAL	
	First Admissions, ...	11	15	0	1	27			
	Not First Admissions, ...	6	*8	0	1	15			
	Total Cases admitted during the year, ...	17	23	0	2	42			
	Total Cases under care during the year, ...	84	85	4	8	181			
Cases discharged and died—		Certificated				Voluntary.		TOTAL	
	Recovered, ...	7	9	0	2	18			
	Relieved, ...	0	6	0	0	6			
	Not Improved, ...	5	2	0	*2	9			
	Died, ...	4	6	1	1	12			
	Total Cases Discharged and Died during the year, ...	16	23	1	5	45			
31st March, 1906.	Total number on Asylum Books, ... Remaining on Pass, ... Remaining at the Villas, ... Remaining at Kincarrathie, ... Remaining at Mount Tabor, ... Resident in the Asylum, ...	Certificated				Voluntary.		TOTAL	
		68	62	3	3	136			
		2	2	0	0	4			
		4	3	0	2	9			
		3	6	0	0	9			
		0	1	0	1	2			
	59	50	3	0	112				

Officers, 5; Attendants, 22; Nurses, 25; Artisans, 20; Servants, 21.

		Certificated.		Voluntary.		TOTAL
		M.	F.	M.	F.	
	Average numbers on Books during the year, ...	67.38	59.40	3.07	3.88	133.73
	Lowest number resident, 1st July, 1905, ...	65	58	3	4	130
	Highest number resident, 1st April, 1905, ...	67	63	4	6	140
	Persons under care during the year, ...	84	83	4	8	179
	Persons admitted during the year, ...	17	21	0	2	40
	Persons discharged recovered during the year, ...	7	9	0	2	18
	Transferred from other Asylums, ...	1	2	0	0	3
	Transferred to other Asylums, ...	4	6	0	0	10
	Percentage of Recoveries on Admissions, ...	41.17	39.13	0	100	42.85
	Percentage of Deaths on average numbers resident, ...	5.93	10.10	32.67	25.77	8.97

\* Includes 2 females transferred from Voluntary Register to General Register.

REPORTS  
OF THE  
COMMISSIONERS IN LUNACY  
FOR THE YEAR.

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REPORT BY DR. JOHN FRASER.

JAMES MURRAY'S ROYAL ASYLUM,  
*Perth, 15th September, 1905.*

THERE are at this date 132 patients on the Register of the Asylum. Of these, 65 gentlemen and 60 ladies are certificated patients, and 3 gentlemen and 4 ladies are voluntary inmates. One lady, who is a voluntary boarder, should be certified, as she is now mentally unfit to remain in that position. One gentleman and 1 lady were absent on pass, and 4 ladies are at present in residence at the seaside villa at Elie. This house is kept open from April to November, and during that period 31 patients in successive parties resided there for either one or two months.

The following changes have taken place since 11th May, 1905, the date of previous visit :—

		M.	F.	Totals.
I. Certificated Patients—				
Admitted,	- - - - -	5	7	12
Discharged recovered,	- - - - -	2	5	7
Discharged unrecovered,	- - - - -	2	0	2
Died,	- - - - -	1	2	3
II. Voluntary Inmates—				
Admitted,	- - - - -	0	1	1
Left,	- - - - -	0	1	1

The deaths are registered as due to cirrhosis of the kidneys, cerebral haemorrhage, and general paralysis. In each instance the cause of death was verified by *post-mortem* examination, and the results are fully recorded in the pathological journal.

Neither mechanical restraint nor seclusion has been resorted to during the period under review. No escape has occurred. The Register of Accidents contains 3 entries; 2 refer to casualties which were slight in character, and 1 to a fracture of the lower end of the right radius, which was due to an accidental fall.

The changes in the nursing staff comprise the resignation of 1 attendant and 6 nurses, the dismissal of 2 attendants as unsuitable, and the engagement of 3 attendants and 3 nurses. Among the present staff is a gentleman-companion, who accompanies a patient in his walks and excursions. Praiseworthy attention is given to the training of the attendants and nurses by lectures and systematic instruction, and 11 members of the staff hold the certificate for proficiency in mental nursing.

Everything that was seen during the visit indicated that the Asylum is under capable and enlightened management. There was a remarkable absence of excitement among the patients, and the appeals for discharge were few, and only from those who were manifestly insane and unfit for liberation. In all sections the patients were found comfortably provided for, and those resident in the villas and Kincarrathie have the pleasant environments of well-appointed private mansions. Many of the more intelligent patients expressed a grateful appreciation of the manner in which they are treated, and of the way in which their requirements are met. Special tastes and habits are carefully considered, and a great amount of liberty is granted. Ten gentlemen and 8 ladies enjoy parole beyond the grounds, and 19 gentlemen and 13 ladies are on parole within the grounds. Due attention is given to the occupation of the patients in useful work ; 14 gentlemen engage actively in the work of the garden and grounds, with benefit both to their bodily and mental health. Twenty-five gentlemen and 19 ladies assist the staff in the wards. The health of the patients is, generally speaking, good ; 4 gentlemen and 2 ladies being confined to bed. Of the patients, 7 are regarded as suicidal, 6 are general paralytics, and 7 are epileptics.

Every section of the Asylum was found in admirable order, clean and well ventilated. Improvements are in progress in the main corridor on the ground floor ; its lighting is to be increased by means of fanlights over the doors of the adjoining rooms. One of these rooms is to be used as a surgery and research department. The

conversion of the former billiard-room into waiting and visiting apartments is almost completed, and the result is most satisfactory. The former dining-hall, which is most tastefully decorated, is now used as a billiard-room. No. 4 Male Gallery and its three adjoining dormitories have been thoroughly renovated and repainted in light and pleasing colours. Observation windows have been provided between these dormitories.

The steam supply arrangements have been made efficient. There are now two boilers—one in use and one in reserve; and the one recently placed is fitted with every improvement calculated to lessen the output of smoke and the cost of working.

Dr. Urquhart was absent on holiday when the visit was made; but Dr. Alcock, the Medical Officer in charge, afforded every assistance in the inspection, and showed a thorough knowledge of the cases and of the details of administration.

The medical records are kept with a fulness which indicates the great interest taken in the condition and progress of the patients. The official registers were examined and found regularly and accurately kept.

JOHN FRASER,

*Commissioner in Lunacy.*

## REPORT BY DR. JOHN MACPHERSON.

JAMES MURRAY'S ROYAL ASYLUM,

Perth, 14th February, 1906.

THE following changes have occurred in the population of the Asylum since last visit :—

		M.	F.	Total.
Certificated Patients—				
On Register, 15th Sept., 1905,	-	65	60	125
Admitted,	-	9	12	21
Discharged recovered,	-	2	3	5
Discharged unrecovered,	-	1	7	8
Died,	-	2	2	4
On Register at this date,	-	69	60	129

## Voluntary Inmates—

On Register, 15th Sept., 1905,	-	3	4	7
Admitted,	-	0	1	1
Left,	-	0	2	2
On Register at this date,	-	3	3	6

With the exception of one gentleman, who was absent on pass, all the patients were resident, and were seen in the course of the visit.

The general health of the inmates of the Institution was excellent, and only 7 of them were confined to bed, labouring under, chiefly, chronic and incurable ailments. The low death-rate is a further indication of the sustained standard of good health which prevails in the Asylum. The four deaths which have occurred during the past five months are due to natural causes, and are registered as being the result, respectively, of the following diseases—viz., Bright's disease, gangrene of the leg, influenza, and phthisis. *Post-mortem* examinations were made in three instances.

There is only one entry in the Register of Accidents, and it refers to a sprain of the wrist in the case of a lady patient caused by slipping and falling on a floor.

There are no entries in the Register of Restraint and Seclusion, or in the Register of Escapes.

The only changes in the nursing staff since last visit have been the resignation of a male and a female attendant, and the engagement of two others in their stead. The length of service of the staff as a whole is very satisfactory, and cannot fail to have a good effect upon the patients. Among the higher officials, Mr. Whyte, the Engineer, whose work and inventive genius are widely recognised, has served over 40 years; and Mr. Henry, the Head Attendant, and Miss Lawrence, the Deputy Matron, have each completed 30 years of service.

The absence of casualties, the low death-rate, and the paucity of entries in the registers immediately referred to above, are subjects upon which the management of the Asylum may be congratulated.

The condition in which the patients were found at the time of the visit was highly satisfactory. There was an entire absence of noisy excitement, and, except for appeals for liberation, there were no complaints of a rational or important nature. Two gentlemen, who consider themselves unjustly detained, were accorded special interviews, and the case of one of them is receiving attention. It was apparent that everything is done to make the lives of the patients as happy as possible, and that the relations between Dr.

Urquhart and his patients are both friendly and cordial.

The reconstruction of the main buildings, which has been more or less in progress since 1875, is now practically completed. Three new visiting rooms, a surgery, a research room, a matron's store, and a strong room for the custody of documents have been constructed in the main corridor; the old billiard-room has been done away with, and the main corridor is being panelled and painted, and additional light is being introduced into it by carrying up fanlights over the doors of the officers' rooms.

The continued prosperity of the Institution has amply justified the Directors in carrying out the extensive structural alterations of the Institution now successfully completed, for they have conducted to the comfort of the patients, and have undoubtedly added to the attractiveness of the Asylum.

The books and registers were examined and found correct.

JOHN MACPHERSON,

*Commissioner in Lunacy.*



1905.

## STATISTICAL TABLES.

PREPARED BY DR. B. J. ALCOCK.

*(These Tables do not include Voluntary Patients.)*

TABLE 1

Showing the Admissions, Re-Admissions, Discharges, and Deaths  
during the Year ending 31st December, 1905

	M.	F.	T.	M.	F.	T.
In the Asylum, 1st January, 1905, ...				69	66	135
Cases Admitted—						
First Admissions, ... ... ...	10	16	26			
Not First Admissions, ... ... ...	5	4	9			
Total Cases Admitted, ... ... ...				15	20	35
Total Cases under care during the year,				84	86	170
Cases Discharged and Died—						
Recovered, ... ... ... ...	8	11	19			
Relieved, ... ... ... ...	0	8	8			
Not Improved, ... ... ... ...	4	4	8			
Died, ... ... ... ...	2	5	7			
Total Cases Discharged and Died, ...				14	28	42
Remaining in the Asylum, 31st December, 1905, ... ... ...				70	58	128
Average resident during the year, ... ... ... ...	66.95	60.39	127.34			
Persons* under care during the year,† ... ... ... ...	83	86	169			
Persons admitted „ ... ... ... ...	15	20	35			
Persons recovered „ ... ... ... ...	8	11	19			
Transferred‡ to this Asylum, ... ... ... ...	1	2	3			
Transferred from this Asylum, ... ... ... ...	3	8	11			

\* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

† Total cases, minus re-admissions of patients discharged during the current year.

‡ Patients transferred from one Asylum to another, even when re-certified, are to be regarded as transfers.

TABLE 1a

Showing (1) the Previous Attacks among Persons admitted during 1905, and (2) the Number of Times they had previously Recovered in this or any Asylum

(1) Number of Previous Attacks	Persons		
	Male	Female	Total
Have had One Attack, ... ... ...	2	5	7
,, Two Attacks, ... ... ...	1	2	3
,, Three or more Attacks, ... ...	4	1	5

(2) Number of Times Patients Recovered	In this Asylum			In any Asylum		
	M.	F.	T.	M.	F.	T.
Once, ... ... ... ... ...	2	2	4	...	...	...
Twice, ... ... ... ... ...	...	...	...	0	1	1
Thrice or more, ... ... ... ...	...	...	...	1	0	1

TABLE 2

Showing the Admissions, Re-admissions, Discharges, and Deaths for the Forty-one Years from the 1st of January, 1865, to the 31st December, 1905

		M.	F.	T.	M.	F.	T.
Number resident, January 1st, 1865, ... ...					37	34	71
Persons Admitted during the period of 41 years,	514	491	1005				
Re-admissions, ... ... ... ...	100	114	214				
Total Cases Admitted, ... ... ... ...				614	605	1219	
Total Cases under care during the 41 years, ...				651	639	1290	
Cases Discharged and Died—							
Recovered, ... ... ... ...	188	215	403				
Relieved, ... ... ... ...	181	174	355				
Not Improved, ... ... ... ...	84	87	171				
Died, ... ... ... ...	128	105	233				
Total Cases Discharged and Died, ... ...				581	581	1162	
Remaining 31st December, 1905, ... ...				70	58	128	

		M.	F.	T.
Average resident during the 41 years, ... ... ...	48·34	44·72	92·88	
Transferred to this Asylum, ... ... ...	79	69	148	
Transferred from this Asylum, ... ... ...	127	110	237	

TABLE 2a

Showing the Admissions and Recoveries of Persons\* from 1st January, 1865, to 31st December, 1905 (a period of Forty-one Years)

History of Recoveries of Persons				The same, only omitting all Persons transferred from other Asylums		
	M.	F.	T.	M.	F.	T.
Persons Admitted during 41 years, ... ...	514	491	1005	466	453	919
Of whom were Discharged Recovered during } the same period, being 33·53 per cent. of } Persons Admitted, ... ... ...	162	175	337	153 (per cent.)	167 34·82)	320
Of whom were Re-admitted Relapsed,† ...	41	50	91	36	47	83
Leaving Recovered Persons who have not } Relapsed, ... ... ... ...	121	125	246	117	120	237
Relapsed Persons Discharged Recovered,‡ ...	28	27	55	28	26	54
Net Recovered Persons, § being 29·95 per cent. of Persons Admitted, ... ... ...	149	152	301	145 (per cent.)	146 31·66)	291

\* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

*Re-admission* applies only to re-admission into this Asylum.

† *i.e.*, Persons who have relapsed one or more times.

‡ *i.e.*, After last re-admission, if relapsed one or more times.

§ *i.e.*, Recovered persons sane at the present time so far as the Asylum statistics show.

TABLE 3:—Showing the Admissions, Discharges, and Deaths,  
per cent. of the Admissions, for each Year since

Year	Admitted						DISCHARGED									Died		
	First Time		Not First Time		Tot.	1468	Recovered			Relieved			Not Improved					
	M.	F.	M.	F.			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1827 to 1864	625	601	97	145	1468		262	361	623	97	114	211	158	129	287	168	108	276
1865	9	9	4	0	22		4	3	7	5	2	7	2	7	9	1	0	1
1866	11	3	1	3	18		4	6	10	5	4	9	2	1	3	2	2	4
1867	12	6	3	1	22		3	3	6	5	2	7	0	0	0	5	1	6
1868	10	11	2	3	26		4	3	7	2	0	2	1	2	3	1	3	4
1869	19	15	3	3	40		4	4	8	7	2	9	2	2	4	3	0	3
1870	7	12	3	5	27		5	4	9	2	3	5	4	7	11	2	4	6
1871	8	22	1	3	34		3	6	9	4	3	6	4	4	8	2	6	8
1872	12	7	1	2	22		4	4	8	2	1	3	3	4	7	1	2	3
1873	5	7	3	2	17		3	3	6	2	3	5	5	5	10	2	2	4
1874	5	9	1	4	19		3	2	5	3	3	6	9	2	2	2	3	5
1875	3	7	2	1	13		2	3	5	1	2	3	1	0	0	4	3	7
1876	10	5	0	2	17		2	5	7	0	1	1	0	3	3	3	3	6
1877	7	6	1	0	14		2	0	2	5	3	8	5	1	6	0	0	0
1878	2	6	0	1	9		1	6	7	1	2	3	2	2	4	1	0	1
1879	9	9	0	1	19		2	2	4	0	1	1	1	0	0	2	2	4
1880	9	15	1	1	26		2	6	8	2	1	3	0	0	0	4	1	5
1881	9	5	1	2	17		5	5	10	2	7	9	1	0	0	3	1	4
1882	6	9	0	1	16		1	0	1	3	4	7	2	3	5	4	1	5
1883	20	11	1	3	35		6	8	14	2	2	4	2	3	5	2	1	4
1884	9	14	2	4	29		3	5	8	4	3	7	3	1	4	2	5	7
1885	12	11	2	5	30		2	4	6	5	6	11	1	4	5	2	1	3
1886	17	13	2	2	34		9	5	14	9	6	15	3	1	4	1	1	2
1887	14	22	4	6	46		7	11	18	3	10	13	0	4	4	2	1	3
1888	12	11	5	8	36		5	7	12	6	7	13	0	2	2	1	2	3
1889	12	10	0	2	24		3	7	10	6	9	15	0	0	0	6	2	8
1890	13	15	3	4	35		2	6	8	7	2	9	3	0	0	3	3	7
1891	13	14	3	4	34		6	8	14	7	4	11	1	1	6	2	5	11
1892	13	13	5	1	32		2	7	9	3	4	7	1	1	5	4	5	9
1893	18	11	2	3	34		12	7	19	6	4	10	1	0	1	3	3	6
1894	17	9	4	5	35		7	5	12	3	5	8	2	0	0	2	7	9
1895	15	12	4	8	39		6	8	14	5	7	12	1	2	3	2	1	3
1896	15	16	8	1	40		10	6	16	6	7	13	3	3	6	3	3	6
1897	22	17	0	1	40		9	10	19	3	3	6	1	2	3	4	3	7
1898	20	16	2	3	41		4	7	11	11	4	15	1	0	1	5	2	7
1899	23	10	6	0	39		5	3	8	9	6	15	1	2	3	7	3	10
1900	17	15	4	3	39		7	1	8	8	2	10	3	1	4	6	4	10
1901	16	18	2	2	38		8	9	17	4	6	10	2	4	6	2	3	5
1902	20	22	3	4	49		4	3	7	9	11	20	4	6	10	5	4	9
1903	14	17	6	0	37		7	9	16	4	4	8	2	2	4	2	7	9
1904	19	15	0	6	40		2	3	5	10	4	14	5	1	6	8	4	12
1905	10	16	5	4	35		8	11	19	0	8	8	4	4	8	2	5	7
Tot. for 41 Years	514	491	100	114	1219		188	215	403	181	174	355	84	87	171	128	105	233
General Totals,	1139	1092	197	259	2687		450	576	1026	278	288	566	242	216	458	296	213	509

th the mean Annual Mortality and Proportion of Recoveries  
e opening of the Asylum, 30th of June, 1827

Remaining 31st December in each year			Average Number Resident			Percentage of Recoveries on Admissions			Percentage of Deaths on Average Number Resident.		
I.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
7	34	71	73.13	62.30	135.4	36.28	48.39	42.43	5.66	4.36	5.05
8	31	69	39.60	34.00	73.60	30.77	33.33	31.82	3.21	...	1.36
7	21	58	37.09	24.80	61.89	33.33	100.00	55.55	5.39	8.02	6.46
9	25	64	39.67	25.46	65.13	20.00	42.85	27.27	12.60	3.92	9.21
3	31	74	38.08	30.09	68.17	38.46	15.38	26.92	2.62	9.97	5.87
9	41	90	45.77	40.56	86.33	18.18	22.22	20.00	6.55	...	3.47
6	40	86	48.54	41.75	90.29	50.00	23.53	33.33	4.12	9.58	6.64
2	43	85	45.65	41.87	87.52	33.33	24.00	26.47	4.38	14.27	9.13
5	41	86	42.92	41.10	84.02	30.77	44.44	36.36	2.32	4.86	3.57
1	38	79	42.70	40.64	83.34	37.50	33.33	35.29	4.68	4.92	4.79
7	37	74	37.39	41.23	78.62	50.00	15.38	26.31	5.35	7.27	6.35
4	37	71	36.36	34.19	70.55	40.00	37.50	38.46	11.00	8.77	9.92
9	32	71	36.87	37.16	74.03	20.00	71.42	41.17	8.14	8.10	8.10
5	34	69	36.83	34.41	71.24	25.00	...	14.28	...	...	...
2	31	63	33.18	35.74	68.92	50.00	85.71	77.77	3.01	...	1.45
5	36	72	34.13	33.79	67.72	22.22	30.00	26.31	5.83	5.92	5.88
3	44	82	37.80	38.93	76.73	20.00	37.50	30.76	15.82	2.56	6.43
7	38	75	38.12	40.58	78.70	50.00	71.42	58.82	7.87	2.46	6.43
3	40	73	31.58	40.95	72.53	16.66	...	6.25	12.60	2.44	6.89
2	39	81	38.24	42.00	80.24	28.57	57.14	40.00	5.20	4.76	4.99
5	43	84	41.88	40.57	82.45	27.25	27.77	27.58	4.75	12.07	8.48
2	44	89	44.18	44.93	89.11	14.28	25.00	20.00	4.52	2.44	3.37
5	46	88	44.70	44.73	89.43	47.32	33.33	41.17	2.23	2.23	2.23
2	48	96	44.45	50.00	94.45	38.88	39.28	39.13	4.49	2.00	3.17
5	49	102	49.15	47.52	96.67	29.41	36.84	33.33	2.03	4.20	3.10
2	43	93	51.43	45.55	96.98	25.00	58.33	41.66	11.08	4.40	8.24
5	51	101	49.28	45.76	95.04	12.50	31.58	22.85	8.11	6.55	7.36
2	51	97	49.59	50.24	99.83	37.50	44.44	41.18	13.04	9.80	11.34
5	48	99	48.09	52.44	100.53	11.11	50.00	28.12	8.31	9.53	8.95
2	48	97	46.78	48.16	94.94	60.00	50.00	55.90	6.41	6.22	6.31
5	50	101	51.11	49.60	100.71	33.30	35.71	34.28	13.69	4.03	8.93
2	52	108	53.54	51.70	105.24	31.60	40.00	35.90	3.73	1.93	2.93
5	50	107	55.47	50.27	105.74	43.47	30.70	40.00	5.40	5.96	5.67
2	50	112	60.24	50.23	110.47	40.90	55.55	47.50	6.64	5.97	6.33
5	56	119	72.07	52.23	124.30	18.18	36.82	27.80	6.93	3.82	5.68
2	52	122	66.89	53.23	120.12	17.24	33.33	20.51	10.46	5.63	8.32
5	62	129	67.26	54.28	122.14	33.33	5.55	20.51	8.92	7.36	8.17
2	60	129	67.08	60.56	127.65	44.44	45.00	44.73	2.98	4.95	3.13
5	62	132	70.27	61.55	131.82	17.39	11.53	14.28	7.11	6.49	6.82
2	57	132	72.04	59.66	131.70	35.00	52.94	43.24	2.77	11.73	6.84
5	66	135	71.90	60.65	132.58	10.53	14.28	12.50	11.12	6.59	9.05
2	58	128	66.95	60.39	127.34	53.33	55.00	54.29	2.98	8.28	5.49
Average or percentage			48.34	44.72	92.88	31.63	38.00	34.14	6.55	5.61	6.01
Average or percentage			60.74	53.51	114.14	33.96	43.20	38.29	6.11	4.99	5.53

TABLE 4

Showing the Causes of Death, with the Ages at Death, during the Year 1905

Cause of Death	Between 25 and 30			Between 30 and 35			Between 35 and 45			Between 45 and 60			Between 60 and 75			Between 75 and 95			Totals		
	M.	F.	T.	M.	F.	T.															
General Paralysis,	...	...	...	...	...	...	I	O	I	...	...	...	...	...	...	...	...	...	I	O	I
Cerebral Tumour,	...	...	...	...	...	...	...	...	...	1	O	1	...	...	...	...	...	...	I	O	I
Bright's Disease,	...	...	...	...	...	...	...	...	...	O	2	2	...	...	...	...	...	...	O	2	2
Cerebral Hæmorrhage,	...	...	...	...	...	...	...	...	...	...	...	...	O	I	I	...	...	...	O	I	I
Burns and Broncho- Pneumonia,	...	...	...	...	...	...	...	...	...	O	I	I	...	...	...	...	...	...	O	I	I
Exophthalmic Goitre,	...	...	...	...	...	...	...	...	...	O	I	I	...	...	...	...	...	...	O	I	I
Total,	...	...	...	...	...	...	...	...	...	I	2	3	O	1	1	...	...	...	2	5	7

TABLE 5

Showing the Length of Residence in those Discharged Recovered  
and in those who have Died during the Year 1905

Length of Residence	Recovered			Died		
	M.	F.	T.	M.	F.	T.
Under 1 Month, ... ... ... ...	...	...	...	0	1	1
1 Month and under 3 Months, ... ...	1	1	2	...	...	...
3 Months , 6 , , ... ...	3	3	6	0	1	1
6 , , 9 , , ... ...	0	5	5	1	1	2
9 , , 1 Year, ... ..	0	1	1	...	...	...
1 Year , , 2 Years, ... ...	2	0	2	1	0	1
2 Years , , 3 , , ... ...	1	1	2	...	...	...
3 , , 4 , , ... ...	1	0	1	...	...	...
4 , , 5 , , ... ...	...	...	...	...	...	...
5 , , 10 , , ... ...	...	...	...	...	...	...
Over 10 Years, ... ... ... ...	...	...	...	0	2	2
Total, ... ... ... ...	8	11	19	2	5	7

TABLE 6

Showing the Duration of the Disorder on Admission in the Admissions  
Discharges, and Deaths, during the Year 1905

CLASS	Admissions			Discharges			Deaths					
				Recovered			Removed Relieved or otherwise					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
FIRST CLASS												
First attack, and within 3 months on admission,	3	5	8	1	5	6	0	1	1	...	...	...
SECOND CLASS	.											
First attack above 3, and within 12 months on admission,	1	3	4	0	2	2	1	1	2	1	1	2
THIRD CLASS												
Not first attack, and within 12 months on admission,	5	5	10	5	3	8	0	4	4	0	2	2
FOURTH CLASS												
First attack or not, but of more than 12 months on admission,	5	6	11	2	1	3	3	6	9	1	2	3
FIFTH CLASS												
Congenital,	I	I	2	...	...	...	...	...	...	...	...	...
Total,	15	20	35	8	11	19	4	12	16	2	5	7

TABLE 7

Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died during the Year 1905, and of those remaining on 31st December, 1905

TABLE 8

Showing the condition as to Marriage in the Admissions, Recoveries, and Deaths during 1905, and of Patients Resident 31st December, 1905

Condition in reference to Marriage	Admissions			Recovered			Deaths			Patients Resident, Dec. 31st, 1904		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single, ...	9	13	22	7	7	14	0	4	4	53	41	94
Married, ...	5	5	10	0	3	3	2	1	3	13	10	23
Widowed, ...	1	2	3	1	1	2	...	...	...	4	7	11
Total, ...	15	20	35	8	11	19	2	5	7	70	58	128

TABLE 9

Showing the Probable Causes of Insanity in the Persons admitted during the Year 1905

M., 15; F., 20; T., 35

Causes	Predisposing Causes											
				Hereditary						Previous Attacks		
				Insanity			Neuroses					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
SS FROM WITHOUT—												
c, b Mental Strain and Worry,	3	6	9	3	2	5	1	1	2	2	2	4
SS FROM WITHIN—												
a Alcoholism, ...	3	1	4	1	1	2	...	...	...	1	0	1
c, b Neuroses, ...	1	3	4	...	...	...	...	...	...	...	...	...
a Syphilis, ...	2	0	2	...	...	...	...	...	...	...	...	...
Trauma, ...	1	0	1	1	0	1	...	...	...	1	0	1
b Puerperal,	0	2	2	...	...	...	0	1	1	0	1	1
Cerebral Tumour,	1	0	1	...	...	...	...	...	...	...	...	...
Post Operative, ...	0	1	1	...	...	...	...	...	...	...	...	...
I Adolescence, ...	1	0	1	1	0	1	...	...	...	...	...	...
I Self-Abuse (Sexual),	1	0	1	1	0	1	...	...	...	...	...	...
Opium Habit, ...	0	1	1	...	...	...	...	...	...	...	...	...
Exciting cause assigned,	0	2	2	...	...	...	...	...	...	...	...	...
PREDISPOSING INFLUENCES—												
Previous Attacks,	...	7	8	15	7	4	11	0	1	1	...	...
Neurotic Heredity,	...	1	4	5	1	1	2	...	...	...	0	1
Insane Heredity,	...	10	8	18	...	...	...	1	1	2	7	4
Alcoholic Heredity,	...	2	3	5	1	2	3	0	1	1	1	2

NOTE.—The *figures* and *letters* in the margin, each referring to a single case, indicate *combinations* of causes. The former refer to *persons predisposed* to insanity, the latter to those who have *not had a previous attack* and in whom no *history of heredity has been ascertained*.

TABLE 10

Showing the Form of Mental Disorder on Admission in the Admissions, Recoveries, and Deaths of the Year 1905, and the Form of Mental Disorder of the Inmates, 31st December, 1905

Form of Mental Disease	Admissions						Recovered						Deaths						Remaining 31st Dec., 1905		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
CONGENITAL MENTAL DEFICIENCY,	1	1	2	...	...	...	...	...	...	...	...	...	4	1	5						
MANIA				3	5	8	0	5	5	0	1	1	1	0	1						
Recent,	...	...	...	...	2	4	1	0	1	0	1	1	2	7	9						
Chronic,	...	...	...	...	0	2	3	0	3	...	...	4	5	5	9						
Recurrent,	...	...	...	2	0	2	3	0	3	...	...	...	...	...	...	...	...	...	...		
MELANCHOLIA				3	6	9	1	4	5	...	...	...	2	3	5						
Recent,	...	...	...	...	...	1	1	2	...	...	0	1	1	2	7	12					
Chronic,	...	...	...	...	0	1	1	0	1	...	...	...	2	0	0	2					
Recurrent,	...	...	...	0	0	2	1	0	1	...	0	1	1	2	0	0	2				
CIRCULAR INSANITY,				...	2	0	2	...	...	...	0	1	...	...	2	0	2				
DELUSIONAL INSANITY,				1	1	2	...	...	...	0	1	1	1	1	8	7	15				
CONFUSIONAL INSANITY,				1	1	2	1	1	2	1	0	1	1	1	0	1	1				
DEMENIA,				0	3	3	...	...	...	1	1	1	2	39	28	67					
Total,	...	...	15	20	35	8	11	19	2	5	7	70	58	128							
EPILEPTICS,	...	...	...	...	...	...	...	...	...	0	2	2	2	5	1	6					
GENERAL PARALYTICS,	...	...	2	0	2	0	2	0	2	1	0	1	0	1	5	0	5				

TABLE 11

Showing Occupation of Patients admitted during the  
Year 1905

MALES				FEMALES				
Clergymen,	...	...	...	3	Gentlewomen,	...	8	
Architect,	...	...	...	1	Housewives,	...	5	
Baker,	...	...	...	1	School Teachers,	...	2	
Clerk,	...	...	...	1	Lady's Maid,	...	1	
Farmer's Son,	...	...	...	1	Seamstress,	...	1	
Butcher,	...	...	...	1	Housekeeper,	...	1	
Gentleman,	...	...	...	1	Boarding-House Keeper,	...	1	
Schoolboy,	...	...	...	1	Farmer's Daughter,	...	1	
Retired Merchant,	...	...	...	1				
Spirit Merchant,	...	...	...	1				
Wood Merchant,	...	...	...	1				
Commercial Agent,	...	...	...	1				
Commercial Traveller,	...	...	...	1				
Total,				15	Total,			
								20

TABLE 12

Showing Bodily Condition of Admissions

					Male	Female	Total
					Male	Female	Total
Good Bodily Condition,	...	...	...	...	5	4	9
Fair	,,	,,	...	...	6	9	15
Bad	,,	,,	...	..	4	7	11
Total,				15	20	35	

# State of the Funds of Murray's Royal Asylum, Perth,

As at 31st March, 1906.

I. Asylum and Grounds, as formerly, ...	£40,000	0	0
II. Asylum Farm, do. ...	5,500	0	0
III. Furniture and Furnishings (Asylum and Kin-carrathie), ... ... ...	3,000	0	0
IV. Physician's House and Furniture, as formerly, ...	2,300	0	0
V. New Villas, &c., ... ... ...	4,500	0	0
VI. New Chapel—not included in funds, ...			
VII. "Seven Gables," Elie, ... ... ...	1,200	0	0
Sum, £56,500	0	0	0

*Deduct Borrowed Money, &c., as follows:—*

Amount borrowed on Bonds, ...	£7,000	0	0
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*Note.*—£500 paid off during year.

Union Bank of Scotland A/c—Due Bank, 1654	3	3	
---	---	---	--

Sinking Fund, overpayment therefrom, ...	20	10	0
--	----	----	---

— 8,674 13 3

Remains, £47,825	6	9	
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*Add the following Balances:—*

Board Arrears, to be recovered, ...	£129	4	2
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Patients' Outlays, do. ...	550	2	7
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Treasurers' balance, ... ...	11	3	10
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— 690 10 7

Amount of Funds, £48,515	17	4	
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N. B.—Amount of Funds at 31st March, 1905, was ...	£47,577	16	1
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*Add as follows:—*

Excess of Receipts for past year, p. within Account, £398	1	3	
---	---	---	--

Debt Sinking Fund, included in year's Expenditure, 540	0	0	
--	---	---	--

— 938 1 3

As above, ... ... ...	£48,515	17	4
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## SUPERANNUATION FUND ACCOUNT, as at 31st March, 1906.

### 1. Capital Account.

The Fund consists of £44 Gt. Indian Peninsula Railway Co.

B Annuity—cost, ...	...	...	...	£980	12	7
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Balance in Bank on Deposit Receipt, ...	...	...	...	19	7	5
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Amount of Legacy from David Mackinlay, Esq. of Cordon, ...	£1000	0	0
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### 2. Revenue Account.

Sum in Bank on Deposit Receipt, 31st March, 1905, ...	£79	4	5
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Half-Year's Annuity, &c., at 30th June, 1905, ...	15	9	0
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do. do. 31st December, 1905, ...	15	19	0
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In Bank on Deposit Receipt, 31st March, 1906, ...	£110	12	5
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# Murray's Royal Asylum.

## REVENUE AND EXPENDITURE ACCOUNT

FOR YEAR ENDING 31ST MARCH, 1906.

### REVENUE.

I.	Board of Patients, per Record Book,	...	£12,559	10	8
II.	Patients for use of Carriage,	...	420	3	0
III.	Farm Receipts,	...	842	3	2
IV.	Garden Receipts,	...	318	16	4
V.	Discounts on Tradesmen's Accounts,	...	35	17	6
VI.	Bank Interest, &c., received,	...	14	18	5
			<hr/>		
	Total Revenue,		£14,191	9	1

### EXPENDITURE.

I.	House Expenses—				
	Provisions,	...	£4,504	11	0
	Fuel,	...	504	12	10
	Lighting,	...	217	16	7
	Furnishings, Fittings, &c.,		537	17	11
	Amusements and Petty Outlays,	...	127	5	4
			<hr/>		
	Sum of House Expenses,		£5,892	3	8
II.	Salaries and Wages,	...	3,791	19	9
III.	Repairs and Improvements,		1,350	9	9
IV.	Rent, Taxes, and Insurance,		691	12	11
V.	Stationery, Postages, and Advertising,	...	123	16	1
VI.	Sinking Fund, Interest, &c.,		787	17	6
VII.	Carriage Account,	...	433	9	7
VIII.	Farm Payments,	...	501	11	0
IX.	Garden Account,	...	346	9	9
			<hr/>		
	Total Expenditure,	...		13,919	10
			<hr/>		
	Excess of Receipts,	...	£271	19	1
<i>Add</i>	Receipts from Elie Account,	...	126	2	2
			<hr/>		
	Total Excess of Receipts,		£398	1	3
			<hr/>		

## FARM ACCOUNT.

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Valuation of Stocking, 31st March, 1905, ... ... £266 3 0

Stock purchased during year—

Cows,	...	...	...	...	£130	15	0
Cattle,	...	...	...	...	24	0	0
Pigs,	...	...	...	...	43	16	6
Horse,	...	...	...	...	25	0	0
							223 11 6

Wages, Feeding Stuffs, and Accounts, ... ... 271 12 9

Taxes and Insurance, ... ... ... ... 8 6 9

Rent (31½ acres at 30/-), ... ... ... ... 47 5 0

£816 19 0

Sales of Produce—

Cows and Calves,	...	...	...	...	£91	16	3
Cattle,	...	...	...	...	33	3	9
Horse,	...	...	...	...	5	0	0
Pigs,	...	...	...	...	177	14	2
Pork,	...	...	...	...	26	7	0
Poultry,	...	...	...	...	19	10	6
Milk, at 10d per gal.,	...	...	...	...	402	17	6
Eggs,	...	...	...	...	25	15	6
Potatoes,	...	...	...	...	33	16	0
							£816 0 8

Rent of Fields, ... ... ... ... 28 2 6

Carting for Asylum, ... ... ... ... 7 2 0

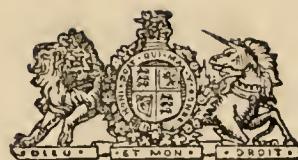
£851 5 2

Valuation of Stocking at 31st March,

1906,	...	...	...	...	287	17	6
							1139 2 8

Balance in favour of Farm, ... ... £322 3 8

Incorporated by



Royal Charter.

## JAMES MURRAY'S ROYAL ASYLUM, PERTH.

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**H**IIS Asylum is healthily situated amidst picturesque surroundings, on the Hill of Kinnoull, in the immediate vicinity of Perth. It stands in the midst of extensive Pleasure-Grounds, surrounded by the fields of the Home Farm, and commands unrivalled views, extending over the valley of the Tay to the range of the Grampians. The central position of Perth makes it accessible from all parts of Scotland.

Being an Endowed Institution and a Chartered Corporation, under the management of a statutory Board of Directors who have no pecuniary interest in its prosperity, the profits on each year's transactions have been devoted to modernising and perfecting the original fabric of the Asylum, in order to render it an efficient Hospital, as well as a comfortable Home, for all classes of Private Patients.

An important modern supplement to the resources of the Institution is the erection of two wings for the reception of Acute Cases. These have been fitted with every improvement in the means of treatment of the Insane. Consumptive patients are separately treated in Sanatoria.

Since 1885, the Directors have also taken on lease the beautifully situated Mansion-House of Kincarrathie, in the neighbourhood of, but distinctly separated from, the Asylum. It has been in use as a Convalescent Home and for Patients of the Higher Class suffering from the milder forms of mental disorder. "Seven Gables," Elie, was purchased for the use of the Patients in 1893, and Mount Tabor Cottage has been taken on lease for the accommodation of those requiring separate treatment. Two new Villas having been lately

erected, there are now vacancies for all classes of private patients. The various buildings of the Establishment at Perth are connected with the National Telephone Company.

The Distinctive Features of this Institution are, that it receives no Paupers; that Ladies are employed as Nurses; that it contains a limited number of Patients, permitting of Individualised Treatment; and that it is developed as a Central Hospital for the treatment of acute and difficult cases, with Succursal Houses for those less seriously affected, thus permitting of the classification of patients according to their mental condition. Special attention is devoted to the occupation of the Patients; there are ample means of Amusement; and the utmost liberty, with due regard to safety, is accorded. Carriages are kept for the use of those Patients for whom such exercise is desirable.

No Publicity is implied in the proceedings connected with the admission of Patients, nor in the term "Royal Asylum."

The Directors have every confidence in referring the friends of those requiring treatment to the Reports of the Commissioners in Lunacy.

